

CROSS CONTROL CONNECTION SPECIALIST

DISTINGUISHING FEATURES

The fundamental reason the Cross Control Connection Specialist position exists is to perform specialized technical work of considerable difficulty in the inspection of industrial and commercial establishments to ensure compliance with permit requirements, ordinances and state and federal regulations regarding the Cross Connection Control Program in the Water Operations Division of the Water Resources Department. The Cross Control Connection Specialist does not supervise. The Cross Control Connection Specialist position is distinguished from the Cross Control Connection Technician position by the higher level of experience and skill required. This classification receives general supervision from the Water Operations Supervisor.

ESSENTIAL FUNCTIONS

Investigates industrial and commercial on-site water systems for proper cross connection devices to ensure the City water supply is not contaminated and endangering public health. Visually inspects new construction work for compliance with cross-connection ordinances and engineering standards and follows up on deficiencies.

Reviews Civil and architectural drawings for compliance with backflow prevention ordinances.

Conducts annual testing and maintenance of backflow prevention devices using various testing gauges and hand tools to insure that devices are in proper operating condition.

Notifies customers of, and maintains records of, annual backflow prevention device testing.

Develops and presents training and public awareness programs on cross connection control and backflow prevention.

Listens and communicates with citizens, local businesses, and City staff in a classroom environment, one-on-one, group settings, or telephone.

Maintains files and prepares various activity reports; develops surveys, forms, schedules, permits and draft ordinances, and special programs.

Explains, interprets and enforces the City Cross-Connection Code and other codes, ordinances and guidelines related to cross connection control.

Observes and monitors data to determine compliance with prescribed operating and safety standards.

Identifies possible cross connections within user's system for conformance with specifications and ordinances.

Reads and interprets plans for the proper cross-connection control devices.

Observes and monitors data to determine compliance with prescribed operating and safety standards.

Attendance and punctuality are essential functions of this position.

MINIMUM QUALIFICATIONS

Knowledge, Skills, and Abilities

Knowledge of:

Ordinances, rules and regulations governing the causes and control of contamination of City potable water supply.

Techniques involved in testing, identifying and correcting problems with cross connection control devices and the installation of correct backflow prevention devices.

Ability to:

Work rotating weekend shifts, holidays and a call-out schedule.

Use and maintenance of testing equipment and ability to determine what equipment and tools are necessary.

Lift and move heavy objects (20-50 pounds) both short and long distances.

Establish and maintain effective working relationships with co-workers, supervisors and the general public.

Operate a variety of equipment and machinery requiring continuous or repetitive arm and hand movements.

Prioritize schedule and work tasks and complete work within specified time periods and deadlines.

Work in small areas; walk up and down stairs, climb up and down ladders and stairs to reach objects; and traverse over rough terrain.

Work in adverse conditions, including extreme hot temperatures, cold temperatures, wind, rain and a high volume of noise.

Communicates orally using the telephone and 2-way radio

Education & Experience

Any combination of training and experience that includes completion of a high school education supplemented by courses in water technology, cross connection control, or a related field. Two to five years experience in water distribution, treatment, or water production is required.

Must possess and maintain during this position a valid Arizona Driver's License, with no major driving citations in the last 39 months for all driving positions.

Must possess, or obtain within one year, an Arizona Grade II Water Treatment Certification from ADEQ.

Must be certified by an agency recognized by F.C.C.C. & H.R. to perform performance tests on backflow assemblies.

FLSA Status: Non-exempt

HR Ordinance Status: Classified